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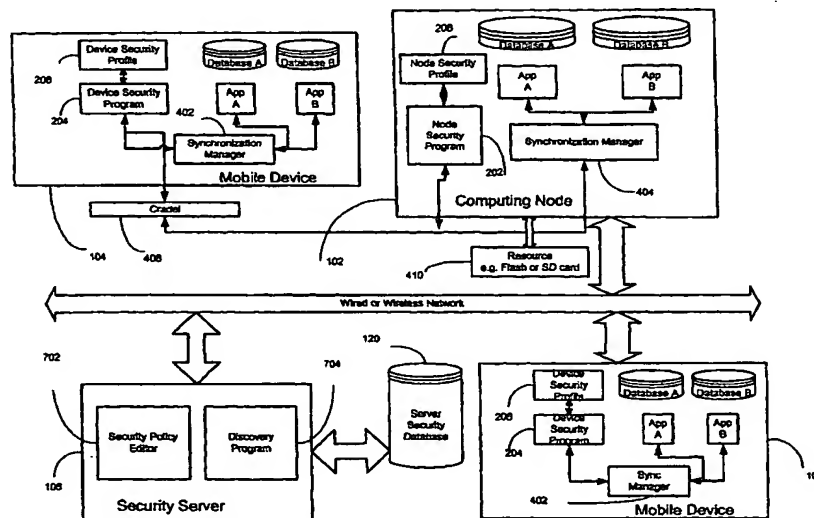
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(54) Title: ENTERPRISE-WIDE SECURITY SYSTEM FOR COMPUTER DEVICES



(57) Abstract: A system and method for securing data in mobile devices (104) includes a computing node (102) and a plurality of mobile devices (104). A node security program (202) executed in the computing node (102) interfaces with a device security program (204) executed at a mobile device (104). The computing node (102) is responsible for managing the security based on a node security profile (208) interpreted by a node security program (202) executed in the computing node (102). A device discovery method and arrangement (106) also detects and locates various information (120) about the mobile devices (104) based on a scan profile (206).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26645

A. CLASSIFICATION OF SUBJECT MATTER																				
IPC(7) : H04L 9/00																				
US CL : 713/201, 380/270																				
According to International Patent Classification (IPC) or to both national classification and IPC																				
B. FIELDS SEARCHED																				
Minimum documentation searched (classification system followed by classification symbols) U.S. : 713/201, 380/270, 455/456																				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)																				
C. DOCUMENTS CONSIDERED TO BE RELEVANT																				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																		
X	US 2002/0032853 A1 (PRESTON et al) 14 March 2002 (14.03.2002), [0013], [0014], [0017]-[0020], [0035]-[0038], [0046]-[0049], [0053], [0054], [0060], [0061], [0067], [0069], [0073]-[0079] and Fig. 10.	1-32																		
X, P	US 2003/0140246 A1 (KRAMMER et al) 24 July 2003 (24.07.2003), [003], [0011]-[0013], [0021]-[0024], [0026], [0030], [0031], [0044],	33-40																		
Y		34-40																		
Y	US 2001/0041576 A1 (T'ANSON et al) 15 November 2001 (15.11.2001), [0012]-[0014], [0019], [0026], [0043], [0046], [0053]	34-40																		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																				
<table border="0"> <tr> <td colspan="2">* Special categories of cited documents:</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> <td></td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> <td></td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"&" document member of the same patent family</td> <td></td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td></td> <td></td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			* Special categories of cited documents:		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		"E" earlier application or patent published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family		"O" document referring to an oral disclosure, use, exhibition or other means			"P" document published prior to the international filing date but later than the priority date claimed		
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"P" document published prior to the international filing date but later than the priority date claimed																				
Date of the actual completion of the international search		Date of mailing of the international search report																		
23 January 2004 (23.01.2004)		13 FEB 2004																		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer <i>Michelle R. Escoe</i> Gilberto Barron Telephone No. 703-305-3900																		

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26645

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claim Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claim Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐
☒

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-32, drawn to a method for protecting a computer network system that includes mobile device(s) and computing node(s) which provides for the special technical feature of managing security processes and running a security software program in the computing node to determine the security parameter(s) by interpreting the node's security profile.

Group II, claim(s) 33-40, drawn to a method of managing a computer network system that includes mobile device(s) and computing node(s) which provides for the special technical feature of running a discovery program to detect mobile devices and resources.

The inventions listed as Groups I and II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The special technical features of each group is not required by any other group.